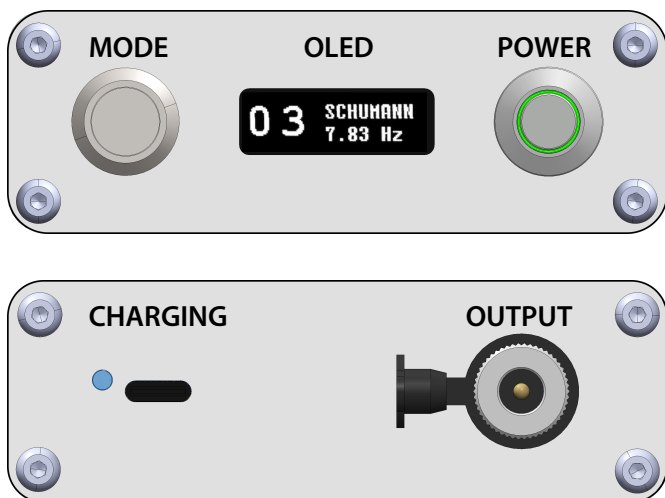


QUICK START

The **ESP783** generates smooth magnetic pulses via an internal coil, plus a steady field from a magnet to simulate the Earth's geomagnetic field.

Simply place near you, turn on, and select your mode. Can be run on battery or plugged in.

Experiment with all 18 modes to find your favorite!



ESP783

Enhanced Schumann Pulser



WEBSITE: esp783.com

E-MAIL: tom@esp783.com

Mode Button

- Click to cycle between 18 modes
- Hold for 2 seconds to see battery level
- **Keep holding to manually turn screen off**
- Press to turn screen back on to check mode

OLED Screen:

- Screen turns off automatically after 30 seconds
- Press Mode to temporarily turn screen back on
- To disable screen Auto Off:
 - Turn unit off
 - Hold Mode while turning unit on
 - Keep holding past the info screen until "Auto Off Disabled" appears; release button
 - Same process will re-enable Auto Off

Power Button:

- Turns unit on/off
- Green LED pulses with signal sent to coil
 - Mode 08 (40 Hz) flashes too fast to see pulses.
- LED brightness indicates battery level

USB-C Charging Port

- Can be run 24/7 plugged in
- Requires USB-A charger & USB-C-to-A cable
- Internal battery lasts 50 hours on full charge
- Charge time from empty to full: 10-12 hours
 - Charging is faster if unit is off
- LED turns blue when fully charged if unit is off (else slowly alternates blue/red if unit is on)

Output Port:

- Fits standard 5.5 x 2.1mm plugs/adapters
 - Center is positive, sleeve is ground
- For connecting external DIY coils or electrodes
- To connect a coil via the included adapter:
 - Loosen the two screws of the green adapter
 - Insert stripped wire into each of the pair of holes
 - Tighten down the screws
- Signal output:
 - Unipolar sine waves (0 to 3.4 V peak)
 - 50 Ω impedance
 - Low noise, low distortion

MODES

01 Schumann Classic • All 5 Schumann Resonances at the same time, with equal amplitudes. Users say this mode adds a refreshing, balanced, and grounded feeling to a space. May enhance dreaming.

02 Schumann Golden • All 5 Schumann Resonances at the same time, with amplitudes decreasing as the golden ratio, 7.83 Hz having the highest amplitude.

03 Schumann 7.83 Hz • Schumann fundamental frequency in the alpha brainwave range.

04 Schumann 14.3 Hz • Schumann 2nd harmonic in the low-beta brainwave range.

05 Schumann 20.8 Hz • Schumann 3rd harmonic in the mid-beta range.

06 Schumann 27.3 Hz • Schumann 4th harmonic in the high-beta range.

07 Schumann 33.8 Hz • Schumann 5th harmonic in the high-beta / low-gamma range.

08 Gamma 40 Hz • Single frequency in gamma range, associated with creative insight. *Flashes too fast to see.*

09 Theta 5 Hz • Single frequency in mid-theta range, associated with hypnagogia & meditation.

10 Delta 2.5 Hz • Single frequency in delta range, typical of deep sleep. Also a chill & relax vibe.

11 Gamma + Theta • Combination of 40Hz & 5Hz. Good for creative & intense contemplative work.

12 Theta + Delta • Combination of 5Hz & 2.5Hz. In the range of REM & deep sleep.

13 Beta + Gamma • Combination of 20Hz & 40Hz. Supports cognitive performance but can overstimulate if used too long.

14 Alpha 10 Hz • Relaxed focus & mental flow.

15 Alpha + Theta • Combination of 10Hz & 5Hz. Good for light meditation & visualization.

16 0.5 + 0.1 Hz • Ultra slow waves far below Delta, associated with rest & regeneration.

17 Pink Noise • Low frequency noise for masking brainwave emissions or erasing “programmed” crystals & water.

18 Heart Beat • Realistic simulation of a perfect heart beat with optimal HRV, like the heart waveform of an advanced meditator. Beats run at ~60 bpm.

TIPS

- Ideal distance for prolonged use is arm's length to corner of room, on desk within reach, on night stand, etc.
- Carrying in a backpack or purse while unit is on at such close distance is fine for several hours not 24/7/365.
- The pulsing green light helps with brain entrainment, but if too bright at night for sleep, cover it or place inside case, drawer, or container.
- Top of unit is polarized magnetic North; it should face upward by default, but other orientations are worth trying.
- If placing glass of water on top to charge it, put the unit in a plastic bag first to protect from spills.
- For room-sized magnetic field, run insulated copper wire (14 to 18 gauge) around the room 5 to 50 turns, then connect ends to the included green output port adapter.
- For an electric field, run wire from the adapter's (+) terminal to a large conducting sheet taped to a wall (aluminum foil, faraday cloth, or mylar space blanket). The (-) terminal can be left unconnected, but better if Earth-grounded, or best if connected to another conducting sheet opposite & facing the first.

SPECS

Dimensions: 4.7" x 3.3" x 1.1"

Weight: ~12.3oz (~350g)

Battery: 4000mAh LiPo 606090 JST 2.0F

Battery Life: 50+ hours per charge

Charge Time: 10-12h

Magnetic Field: 2 milligauss rms @15cm

Optimal Range: 0.5 to 3 meters (max range 3-8 meters)

Frequencies: 0.1 Hz, 0.5 Hz, 2.5Hz, 5Hz, 7.83Hz, 10 Hz, 14.3Hz, 20.8Hz, 27.3Hz, 33.8Hz, 40Hz, Noise, Heart Beat

Hz Accuracy: ± .005%

Signal Voltage: ~3.4Vpp (depends on battery level)

Internal Coil DC Resistance: ~52Ω

Output Port Impedance: ~50Ω

Water Rating: mist & damp cloth

Temp Rating: 45°F to 95°F

Housing: aluminum, ABS, steel

Solder: Lead-free

Made in America

FDA Disclaimer: This product is not intended to diagnose, treat, cure or prevent any disease. All information presented here is not meant as a substitute for or alternative to information from health care practitioners.